

**IN THE SPECIFICATION**

Following the title, please add the following paragraph:

**CROSS REFERENCE TO RELATED APPLICATIONS**

This application is a continuation of, and claims a benefit of priority under 35 U.S.C. 120 from U.S. Serial No. 09/795,660, filed February 27, 2001 the entire contents of which are hereby expressly incorporated by reference for all purposes.

Please replace the second full paragraph of page 12 (located between the headings "Example 2" and "Practical Applications of the Invention") with the following paragraph:

An example of resultant nanoscale cylinder-on-cone carbon tips (NCCCTs) is shown in FIGS. 5A and 5B. FIGS. 5A and 5B show nanoscale cylinder-on-cone carbon tips (NCCCTs) synthesized by first growing carbon nanocone in excess of acetylene (60 sccm C<sub>2</sub>H<sub>2</sub>/80 sccm NH<sub>3</sub>) and then growing carbon nanofiber by reducing the relative acetylene content (50 sccm C<sub>2</sub>H<sub>2</sub>/80 sccm NH<sub>3</sub>) during the growth process. Referring to FIG. 5A, a carbon containing expanded base 510 includes a precipitated graphitic carbon film 520. Growing the carbon containing expanded base 510 includes simultaneously applying a carbon source gas and an etchant gas to said carbon containing expanded base 510 and growing said carbon containing extension includes simultaneously applying the carbon source gas and the etchant gas to said carbon containing extension.